

Title: A LENS OPTICAL COUPLER
Inventor: Bo Su Chen - Docket No: 19436. 441.3 Sevial No: 10/612,660
REPLACEMENT SHEET
1/7

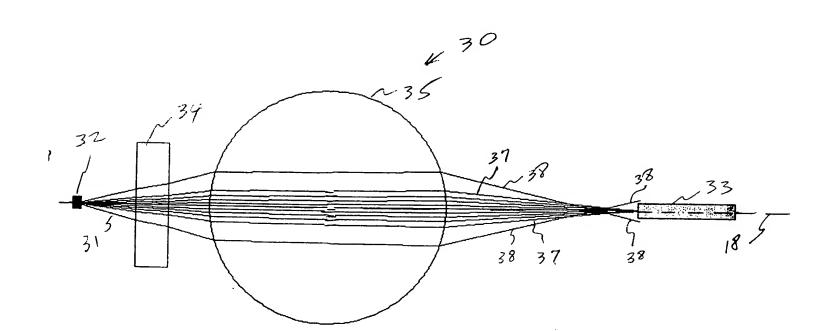
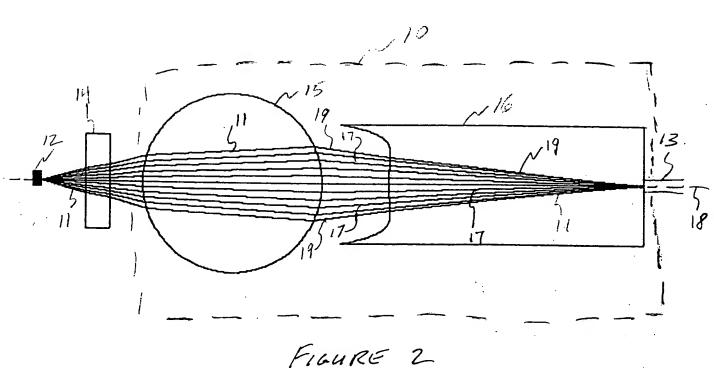


FIGURE 1

1139.1137101 H0904667

THE: ALENS OPTICAL COUPLER Inventor: Bo Suchen - Docket No: 18436. 441.3 Serial No: 10/612,660 REPLACEMENT SHEET 2/7



1139.43710/ Hy004667

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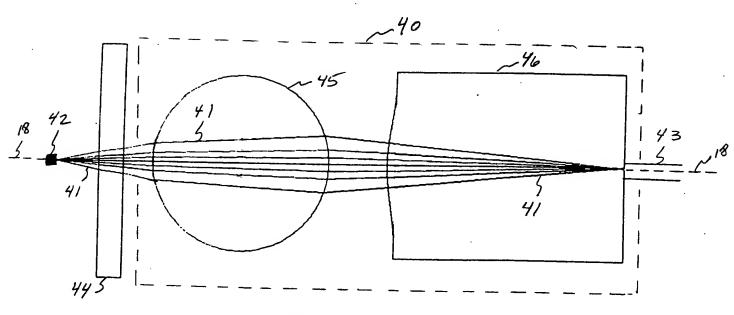
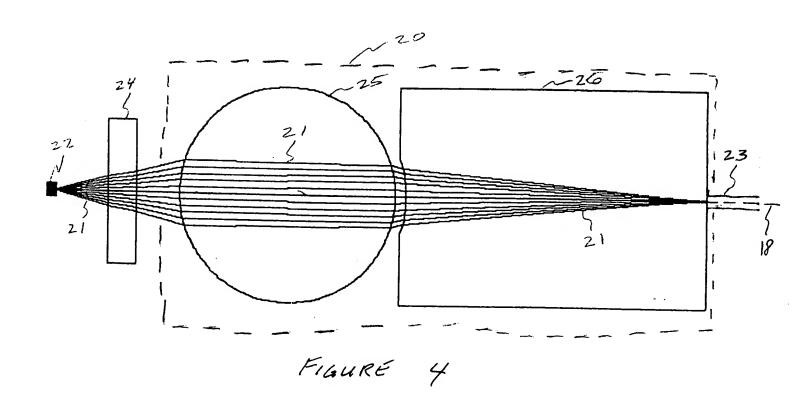


FIGURE 3

1139,1137/01 Hogo4667 Title: A LENS OPTICAL COUPLER
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1139.113/10/ H9004667 THE: A LENS OPTICAL COUPLER

Inventor: Bo Su Chen - Docket No: 15436. 441.3

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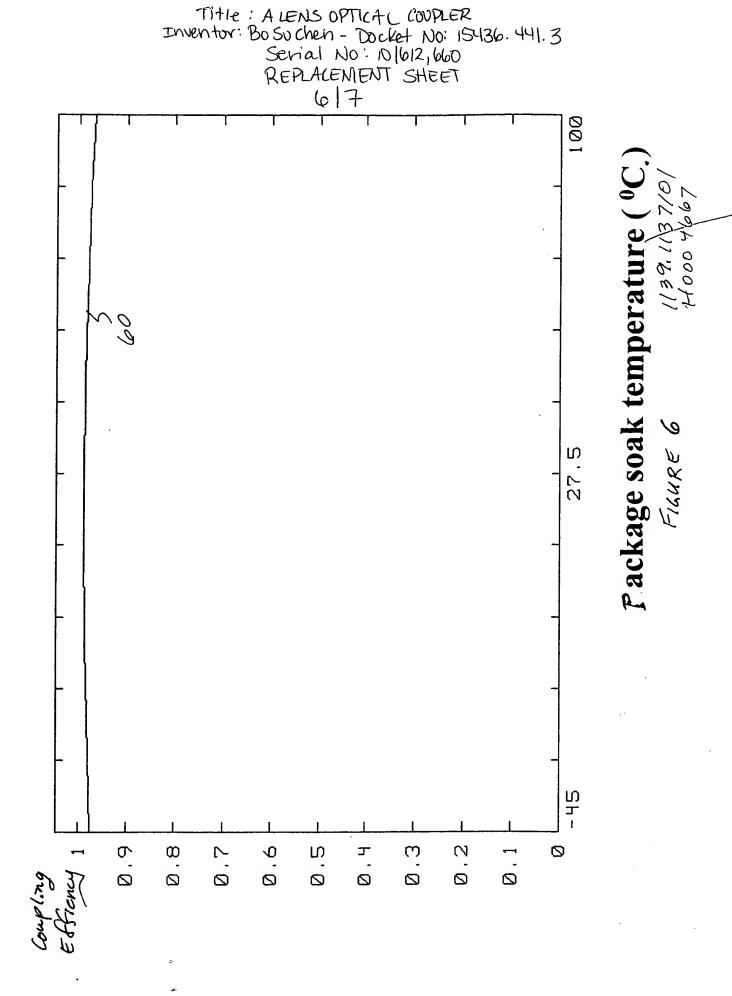
REPLACEMENT SHEET

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Ray-based tracing (X,Y) Relative Field (0.000, 0.000) 0.004 (mm.) 0.000000 0.001000 0.002000 0.003000 0.004000 20 * X DE YDE YDE YDE YDE YDE YDE YDE 28 02-0ct-02 asphere ZEON two_l 1.5 mm LASFN-9 ball 0.001 542 Coupling Efficiency

((39.118710) H0004667

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1310.0000 HB X-FAB LO.0-FIGURE 7 MILLIMETERS LASFN-9 ball+concave ZEON lens RAY ABEERATIOMS Y-FAM

1039/137/01